Water Quality Status Report No. 118

Ground Water Study of the Lower Boise River Valley Ada and Canyon Counties, Idaho

Idaho Department of
Health and Welfare
Division of Environmental Quality
May 1996

APPENDIX B

Table 8

Nutrient, Bacteria and Radon Results

Headnotes for Tables 8, 9, 10, and 11

Well Location: well location in latitude and longitude or township, range and section

Primary Use of Water:

H	domestic
I	irrigation
P	public supply
C	commercial
D	dewater
S	stock
F	fire

Units of Measure:

°C	degrees celsius
US/CM	microsiemens per centimeter at 25 °C
<	less than
>	greater than
MG/L	milligrams per liter
STAND UNITS	standard units
MG/L as N	milligrams per liter as nitrogen
DISS	dissolved
MG/L as PO4	milligrams per liter as phosphate
MG/L as P	milligrams per liter as phosphorus
COL/100 ML	colonies per 100 milliliters
PCI/L	picocuries per liter
UG/L	micrograms per liter
H2O	water
REC	recoverable
GF	glass fiber filter
FLT	filtered
U	micron (filter pore size)
ND	non-detect
*	results from Dept. of Ag study
MG/L as CACO3	milligrams per liter as calcium carbonate
MG/L as CA	milligrams per liter as calcium
MG/L as MG	milligrams per liter as magnesium
MG/L as NA	milligrams per liter as sodium
MG/L as K	milligrams per liter as potassium
MG/L as CL	milligrams per liter as chloride
MG/L as SO4	milligrams per liter as sulfate
MG/L as F	milligrams per liter as fluoride
MG/L as SIO2	milligrams per liter as silica
UG/L as AS	micrograms per liter as arsenic
UG/L as CD	micrograms per liter as cadmium
UG/L as CR	micrograms per liter as chromium
UG/L as FE	micrograms per liter as iron

Units of Measure continued:

UG/L as PB	micrograms per liter as lead
UG/L as MN	micrograms per liter as manganese
UG/L as ZN	micrograms per liter as zinc
UG/L as SE	micrograms per liter as selenium

Empty Box: no information available

Volatile Organic Compounds (VOCs) were analyzed at every site with a portable gas chromatograph for presence or absence. Sites with VOCs present had duplicates sent to Alpha Analytical Laboratory in Sparks, Nevada, those results can be found in Table 9.

Nutrients, bacteria and radon results

Table 8

	A	B	C	D	E	F	G	H	I	J	K	L
1 2 3 4 5	LATITUDE	LONGITUDE	TOWNSHIP RANGE & SECTION	DATE SAMPLED	DEPTH OF WELL (FEET)	PRIMARY USE OF WATER	WATER TEMP (°C)	SPECIFIC COND. (US/CM)	OXYGEN DISS (MG/L)	pH FIELD (STAND UNITS)	ALKALINITY (MG/L)	BICARBONATE (MG/L)
132	43°36'33"	116°37'51"	03N 02W 07CBC1	07-22-95	196	H	18.5	233		7.8	102	120
133	43°36'19"	116°33'23"	03N 02W 10DDCC1	09-06-95	213	H	16.5	713	>7	7.5	182	220
134	43°36'20"	116°33'18"	03N 02W 10DDCD1	09-06-95	70	H	15.5	770	>7	7.7	224	270
135	43°36'22"	116°33'18"	03N 02W 10DDCD2	09-06-95	60	H	15	609	6.3	7.6	200	240
136	43°36'21"	116°33'16"	03N 02W 10DDDC1	09-06-95	75	H	15.5	736	>7	7.7	224	270
137	43°36'46"	116°32'44"	03N 02W 11BDCD1	09-08-95	110	H	16.5	803	>7	7.3	227	280
138	43°36'18"	116°32'54"	03N 02W 14BBAB2	09-08-95	82	H	24.5	334	1.8	8	121	150
139	43°36'18"	116°33'06"	03N 02W 14BBBB1	09-08-95	80	H	14.5	469	3.1	7.6	197	240
140	43°36'02"	116°36'38"	03N 02W 17BCB1	08-16-95	461	P	24	245		7.8	120	150
141	43°35'14"	116°31'23"	03N 02W 24BAD1	08-16-95	174	H	14.5	681		7.9	220	270
142	43°35'13"	116°31'23"	03N 02W 24BAD2	08-16-95	71	H	14	559		7.7	254	310
143	43°34'33"	116°32'30"	03N 02W 26BAA1	08-09-95	83	H	15.5	584		7.8	242	300
144	43°34'10"	116°36'26"	03N 02W 29BCD1	08-09-95	115	H	16	727	6.8	7.6	212	260
145	43°33'04"	116°35'01"	03N 02W 33CAD1	08-10-95	63	H	14	681		7.7	217	270
146	43°32'55"	116°33'43"	03N 02W 34CDA1	08-10-95	146	H	15	874	4.5	7.6	292	360
147	43°32'49"	116°31'35"	03N 02W 36CDC1	07-25-95	90	H	15.5	812		7.8	233	280
148	43°35'22"	116°40'36"	03N 03W 22ABB1	08-16-95	250	I	13.5	340		8	149	180
149	43°43'06"	116°18'52"	04N 01E 03AADC1	10-04-95	150	H	16	329	0.9	7.5	138	170
150	43°43'14"	116°19'18"	04N 01E 03ABBA1	09-25-95	105	H	14.5	482	5.2	7.1	207	250
151	43°43'14"	116°19'20"	04N 01E 03ABBB1	10-04-95	74	H	14	600	6.3	7	237	290
152	43°43'13"	116°20'05"	04N 01E 04AAAC1	08-15-95	64	H	14.5	308		6.8	122	150
153	43°42'50"	116°21'04"	04N 01E 04BCCD1	08-16-95	470	H	22.5	308		7.3	123	150
154	43°42'39"	116°21'04"	04N 01E 04CBCD1	08-16-95	199	H	12.5	275		6.8	102	120
155	43°42'48"	116°20'33"	04N 01E 04DBBB1	08-16-95	104	H	14	293		6.8	119	150
156	43°42'26"	116°20'14"	04N 01E 04DDCC1	09-21-95	285	H	15	384	1.6	7.3	172	210
157	43°43'06"	116°21'35"	04N 01E 05ABD1	08-14-95	138	H	13	517		7.4	199	240
158	43°42'57"	116°22'22"	04N 01E 05BCBC1	09-13-95	39	I	14.5	286	>7	6.9	147	180
159	43°42'57"	116°22'22"	04N 01E 05BCBC2	09-13-95		H	14.5	297	>7	7	158	190
160	43°42'45"	116°22'17"	04N 01E 05CBBD1	10-05-95	30	H	14	397	2.1	7.3	173	210
161	43°43'15"	116°23'32"	04N 01E 06BBB1	07-17-95	67	H	15	414		8	191	230
162	43°42'24"	116°22'55"	04N 01E 06DCCC2	10-05-95	120	H	14	422	4.6	7.2	215	260
163	43°42'10"	116°21'34"	04N 01E 08ACAB1	08-16-95	97	H	12	444		7	204	250
164	43°41'59"	116°21'13"	04N 01E 08ADDD1	08-23-95	32	F	16.5	303		6.8	113	140
165	43°42'13"	116°21'52"	04N 01E 08BADC1	08-17-95	70	H	13	615		7	292	360
166	43°41'45"	116°21'53"	04N 01E 08CAD1	07-19-95	462	I	15	289	0	7.9	123	150
167	43°41'44"	116°21'52"	04N 01E 08CAD2	07-19-95	100	I	13	276	1.5	7.2	113	140
168	43°41'52"	116°21'14"	04N 01E 08DAAD1	08-17-95	35	H	14	188		6.7	86	100
169	43°41'45"	116°21'18"	04N 01E 08DADC1	08-17-95	98	H	15	327		6.8	136	170
170	43°41'49"	116°21'46"	04N 01E 08DBCB1	08-17-95	145	I	13	542		7.4	198	240
171	43°41'47"	116°21'43"	04N 01E 08DBCC1	08-17-95	100	H	14.5	323		7	142	170
172	43°41'50"	116°21'35"	04N 01E 08DBDB1	10-18-95	101	H	14.5	348		7	152	190
173	43°41'44"	116°21'18"	04N 01E 08DDAB1	08-22-95	87	H	14	387		7	165	200

Spreadsheet 4

Nutrients, bacteria and radon results

Table 8

	M	N	O	P	Q	R	S	T	U	V	W
1 2 3 4 5	NITROGEN NH4, DISS (MG/L as N)	NITROGEN NO2, DISS (MG/L as N)	NITROGEN NO3, DISS (MG/L as N)	NITROGEN NO3 TOTAL (MG/L as N)	NITROGEN NO2+NO3 TOTAL (MG/L as N)	NITROGEN NO2+NO3 DISS (MG/L as N)	PHOS PHATE, ORTHO DISS(MG/L as PO4)	PHOS PHORUS, ORTHO DISS (MG/L as P)	TOTAL COLI-FORM (COL/ 100ML)	FECAL COLI-FORM (COL/ 100ML)	RADON 222 TOTAL (PCI/L)
132	ND	ND		0.47	0.47	0.47	0.12	0.04		0	
133	ND	ND		1.8	1.80	1.8		ND	0	0	
134	ND	ND		2.2	2.20	2.2		ND	0	0	
135	ND	ND		2.1	2.10	2.1	0.06	0.02	0	0	1100
136	ND	ND		2.1	2.10	2.1		ND	0	0	
137	ND	ND		2.1	2.10	2.1	0.06	0.02	0	0	
138	ND	ND		0.34	0.34	0.34	0.03	0.01	0	0	280
139	ND	ND		2.3	2.30	2.3	0.21	0.07	0	0	
140	ND	ND		0.38	0.38	0.38	0.06	0.02		0	260
141	ND	ND		2.9	2.90	2.9	0.06	0.02	0	0	
142	ND	ND		2.9	2.90	2.9	0.15	0.05	0	0	
143	ND	ND		2.3	2.30	2.3	0.12	0.04	0	0	
144	ND	ND		3.8	3.80	3.8	0.03	0.01	0	0	
145	0.02	ND		6.3	6.30	6.3	0.09	0.03	0	0	
146	ND	ND		6	6.00	6	0.12	0.04	0	0	
147	0.02	ND		5.2	5.20	5.2	0.09	0.03		0	500
148	ND	ND		0.68	0.68	0.68	0.06	0.02		0	
149	0.24	ND		0.57	0.57	0.57	0.31	0.1		0	470
150	0.11	ND			ND		0.28	0.09	0	0	
151	0.02	ND			ND		0.64	0.21		0	
152	0.02	ND		1.6	1.60	1.6	0.64	0.21	0	0	1100
153	ND	ND		2	2.00	2	0.12	0.04	0	0	
154	ND	ND		3.7	3.70	3.7	0.31	0.1	0	0	
155	ND	ND		2.6	2.60	2.6	0.43	0.14	0	0	
156	ND	ND		0.88	0.88	0.88	0.18	0.06	0	0	
157	0.03	ND		3.6	3.60	3.6	0.34	0.11	0	0	350
158	ND	ND		0.89	0.89	0.89	0.86	0.28	0	0	
159	ND	ND		0.8	0.80	0.8	0.86	0.28	8	0	
160	ND	ND		1.3	1.30	1.3	0.06	0.02	0	0	300
161	ND	ND		4.2	4.20	4.2	0.49	0.16	0	0	1500
162	ND	ND		1.8	1.80	1.8	0.74	0.24	0	0	380
163	ND	ND		3.8	3.80	3.80	0.34	0.11	0	0	
164	ND	ND		3.8	3.80	3.80	0.12	0.04	0	0	
165	0.03	ND		6.8	6.80	6.80	0.37	0.12	0	0	
166	0.33	ND				ND	0.03	0.01	0	0	640
167	0.02	ND		1.2	1.20	1.20	0.46	0.15	0	0	910
168	0.03	ND		0.7	0.70	0.70	0.43	0.14	0	0	
169	0.03	ND		3.9	3.90	3.90	0.09	0.03	0	0	
170	0.03	ND		4.4	4.40	4.40	0.31	0.1	0	0	
171	0.02	ND		1.7	1.70	1.70	0.09	0.03	0	0	
172	ND	ND		2	2.00	2.00	0.18	0.06	0	0	
173	ND	ND		3	3.00	3.00	0.09	0.03	0	0	

Spreadsheet 4

Nutrients, bacteria and radon results

Table 8

	A	B	C	D	E	F	G	H	I	J	K	L
1 2 3 4 5	LATITUDE	LONGITUDE	TOWNSHIP RANGE & SECTION	DATE SAMPLED	DEPTH OF WELL (FEET)	PRIMARY USE OF WATER	WATER TEMP (°C)	SPECIFIC COND. (US/CM)	OXYGEN DISS (MG/L)	pH FIELD (STAND UNITS)	ALKALINITY (MG/L)	BICARBONATE (MG/L)
174	43°41'39"	116°21'12"	04N 01E 08DDAD2	08-08-95	55	H	14	465		7.1	209	260
175	43°41'39"	116°21'13"	04N 01E 08DDAD3	08-08-95	100	I	13.5	394		7	175	210
176	43°41'38"	116°21'12"	04N 01E 08DDDA2	08-08-95	60	H	14.5	472		7.1	216	260
177	43°41'34"	116°21'09"	04N 01E 09CCCC1	08-22-95	65	H	13.5	455	6.2	7	207	250
178	43°41'37"	116°20'26"	04N 01E 09DCCA1	10-16-95	113	C	15	161	1.2	7	74	91
179	43°41'13"	116°20'18"	04N 01E 09DCDD1	10-16-95	82	H	13.5	126	1.3	7	60	74
180	43°41'32"	116°20'15"	04N 01E 09DDCC1	08-22-95	127	I	14.5	124	5.3	6.9	57	70
181	43°42'19"	116°18'13"	04N 01E 11BAAD1	10-24-95	335	H	20	245	0.5	7.3	112	140
182	43°42'23"	116°18'39"	04N 01E 11BBB1	07-17-95	203	H	16.5	994	>7	7.6	298	360
183	43°41'41"	116°18'41"	04N 01E 11CCBD1	09-12-95		H	14.5	225	1.6	7.6	96	120
184	43°41'40"	116°18'12"	04N 01E 11DCBC1	09-12-95	310	I	21.5	1020	3	7.1	345	420
185	43°41'28"	116°17'02"	04N 01E 13BAAA1	07-25-95	150	P	17	193		7.1	56	69
186	43°40'52"	116°17'33"	04N 01E 13CBCC1	10-19-95	30	H	13.5	453	0.9	6.8	223	270
187	43°41'03"	116°16'43"	04N 01E 13DBAA1	09-21-95	85	H	15.5	209	0.2	7.5	92	110
188	43°41'06"	116°18'34"	04N 01E 14BCDD1	09-27-95	31.5	H	14	245	1.4	8.4	129	160
189	43°41'30"	116°19'29"	04N 01E 15BAAB1	10-11-95	59	H	13.5	244	2.1		112	140
190	43°41'21"	116°19'29"	04N 01E 15BADC1	10-26-95	103	P	13	303	>7	6.9	135	170
191	43°41'29"	116°20'03"	04N 01E 16AAA1	08-22-95	88	H	16	287	4.5	7.1	107	130
192	43°41'08"	116°22'07"	04N 01E 17BCDD1	08-24-95	95	H	13	109	2.6	6.9	48	58
193	43°41'03"	116°22'25"	04N 01E 17CBBC1	10-16-95	300	H	12	261	3.6	6.7	96	120
194	43°40'42"	116°21'50"	04N 01E 17CDDD1	07-25-95	115	H	13	211	4.3	6.8	87	110
195	43°41'25"	116°22'56"	04N 01E 18ABCB1	10-19-95	190	C	14	281	4.1	7	120	140
196	43°41'04"	116°22'55"	04N 01E 18DBBA1	10-16-95	100	H	12.5	264	4.7	6.8	111	140
197	43°40'15"	116°22'42"	04N 01E 19ADCC1	08-23-95	233	H	13.5	425		7.1	191	230
198	43°40'25"	116°23'29"	04N 01E 19BCBA1	08-23-95	63	H	13.5	575		7.1	278	340
199	43°39'51"	116°20'45"	04N 01E 21CDCA1	08-24-95	180	H	13.5	554		7.2	301	370
200	43°39'48"	116°20'34"	04N 01E 21DCCC1	08-24-95	160	H	13.5	495		7.7	239	290
201	43°39'50"	116°20'05"	04N 01E 21DDDC2	09-26-95	100	I	13.5	520	4.3	7.3	244	300
202	43°40'29"	116°18'45"	04N 01E 23BBCB1	08-24-95	124	H	13	148	2.7	6.7	64	79
203	43°40'06"	116°17'46"	04N 01E 23DAC1	07-27-95	403	P	17.5	242		7.2	116	140
204	43°40'33"	116°17'34"	04N 01E 24BBBC1	10-04-95	60	H	13.5	309	1.5	7.5	158	190
205	43°40'20"	116°17'19"	04N 01E 24BCA1	10-25-95	70	H	15.5	228	0.9	6.6	94	120
206	43°40'07"	116°17'02"	04N 01E 24CAAD1	09-25-95	54	H	14	261	3.5	7.4	128	160
207	43°39'54"	116°16'27"	04N 01E 24DDAD1	09-20-95	104	I	14.5	292	2.1	8.2	145	180
208	43°39'53"	116°16'34"	04N 01E 24DDB1	07-27-95	328	P	16.5	223	0	6.3	104	130
209	43°39'47"	116°19'44"	04N 01E 27BBAA1	10-02-95	120	H	13.5	441	4.6	7.2	217	260
210	43°39'26"	116°19'51"	04N 01E 27BCCA1	10-02-95	119	H	14	513	5.4	7.3	253	310
211	43°38'57"	116°19'04"	04N 01E 27DDC1	10-04-95	104	H	14.5	465	6.3	7.4	216	260
212	43°39'29"	116°21'14"	04N 01E 29ADDD1	10-18-95	114	H	13	596	5.1	7.3	291	360
213	43°39'32"	116°22'22"	04N 01E 29BCBB1	09-28-95	80	H	13.5	471	>7	7.6	228	280
214	43°38'56"	116°22'16"	04N 01E 29CCCD1	09-27-95	90	H	13.5	521	5.4	8.1	234	290
215	43°39'40"	116°22'47"	04N 01E 30ABAD2	09-28-95	90	H	13.5	618	6.3	7.6	301	370

Spreadsheet 5

Nutrients, bacteria and radon results

Table 8

	M	N	O	P	Q	R	S	T	U	V	W
1	NITROGEN	NITROGEN	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOS	PHOS	TOTAL	FECAL	RADON
2	NH4, DISS	NO2, DISS	NO3, DISS	NO3	NO2+NO3	NO2+NO3	PHATE,	PHORUS,	COLI-	COLI-	222
3	(MG/L as N)	(MG/L as N)	(MG/L as N)	TOTAL	TOTAL	DISS	ORTHO	ORTHO	FORM	FORM	TOTAL
4				(MG/L as N)	(MG/L as N)	(MG/L as N)	DISS(MG/L	DISS	(COL/	(COL/	(PCI/L)
5							as PO4)	(MG/L as P)	100ML)	100ML)	
174	ND	ND		1.9	1.90	1.90	0.06	0.02	32		
175	ND	ND		3.4	3.40	3.40	0.09	0.03	0	0	
176	ND	ND		1.8	1.80	1.80	0.06	0.02	0	0	
177	ND	ND		2.9	2.90	2.90	0.03	0.01	0	0	770
178	ND	ND		0.07	0.07	0.07		ND	0	0	
179	ND	ND		0.08	0.08	0.08	0.03	0.01	0	0	
180	ND	ND		0.1	0.10	0.10	0.06	0.02	0	0	
181	1.6	ND		0.06	0.06	0.06	0.28	0.09	0	0	
182	ND	ND		7.4	7.40	7.40	0.18	0.06	0	0	830
183	0.07	ND		0.14	0.14	0.14	0.21	0.07	0	0	
184	ND	ND		1.7	1.70	1.70		ND	0	0	650
185	0.03	ND		2.3	2.30	2.30	0.52	0.17	0	0	470
186	ND	ND		2.1	2.10	2.10	0.31	0.1	0	0	1200
187	1.5	ND		0.05	0.05	0.05	0.4	0.13	0	0	
188	ND	ND		1.8	1.80	1.80	0.15	0.05	0	0	1600
189	ND	ND		0.53	0.53	0.53	0.18	0.06	0	0	360
190	ND	ND	2.09	2.09	2.10	2.10	0.15	0.05	0	0	410
191	ND	ND		0.38	0.38	0.38	0.15	0.05	0	0	
192	0.02	ND		0.08	0.08	0.08		ND	0	0	610
193	ND	ND		1	1.00	1.00	0.03	0.01	0	0	
194	0.03	ND		0.65	0.65	0.65		ND	0	0	
195	ND	ND		1.2	1.20	1.20	0.09	0.03	0	0	
196	ND	ND		0.85	0.85	0.85	0.03	0.01	0	0	
197	ND	ND		3.4	3.40	3.40		ND	0	0	
198	ND	ND		2.9	2.90	2.90	0.06	0.02	0	0	470
199	0.02	ND		2.5	2.50	2.50	0.09	0.03	0	0	
200	0.03	ND		2.8	2.80	2.80	0.28	0.09	0	0	
201	ND	ND		3.7	3.70	3.70	0.18	0.06	0	0	
202	0.02	ND		0.09	0.09	0.09		ND	0	0	
203	1.3	ND				ND	0.21	0.07	0	0	300
204	0.07	ND		0.06	0.06	0.06	0.06	0.02		0	
205	ND	0.02	0.33	0.35	0.35	0.35	0.06	0.02	0	0	
206	0.13	ND				ND	0.15	0.05	0	0	
207	0.04	ND		1.10	1.10	1.10	0.09	0.03	0	0	
208		ND									400
209	ND	ND		2.10	2.10	2.10	0.06	0.02	0	0	
210	ND	ND		4.50	4.50	4.50	0.43	0.14	0	0	
211	ND	ND		4.00	4.00	4.00	0.43	0.14		0	
212	ND	ND		2.90	2.90	2.90	0.34	0.11	0	0	
213	ND	ND		4.00	4.00	4.00	0.95	0.31	0	0	1200
214	ND	0.01	6.49	6.49	6.50	6.50	0.55	0.18	0	0	
215	ND	ND		3.60	3.60	3.60	0.03	0.01	1	0	

Spreadsheet 5

	A	B	C	D	E	F	G	H	I	J	K	L
1	LATITUDE	LONGITUDE	TOWNSHIP RANGE & SECTION	DATE SAMPLED	DEPTH OF WELL (FEET)	PRIMARY USE OF WATER	WATER TEMP (°C)	SPECIFIC COND. (US/CM)	OXYGEN DISS (MG/L)	pH FIELD (STAND UNITS)	ALKALINITY (MG/L)	BICARBONATE (MG/L)
2												
3												
4												
5												
216	43°39'26"	116°23'26"	04N 01E 30BCDB1	09-21-95	118	H	13	439	3.6	7.3	200	240
217	43°39'00"	116°23'31"	04N 01E 30CCCA1	09-12-95	87	H	13	661	6.3	7.3	339	410
218	43°39'00"	116°23'07"	04N 01E 30CDCA1	09-12-95	103	I	14.5	598	>7	7.4	276	340
219	43°39'08"	116°22'42"	04N 01E 30DACC1	09-14-95	93	H	13	538	5.5	7.3	254	310
220	43°38'53"	116°23'01"	04N 01E 31ABBB1	09-25-95	36	I	12.5	727	6.1	7.4	349	430
221	43°38'53"	116°23'01"	04N 01E 31ABBB2	09-25-95	84	H	12.5	688	>7	7.4	319	390
222	43°38'30"	116°22'31"	04N 01E 31ADDC1	09-11-95	40	I	13	658	>7	7.4	306	370
223	43°38'30"	116°22'31"	04N 01E 31ADDC2	09-11-95		H	13	673	5.1	7.4	310	
224	43°38'29"	116°23'31"	04N 01E 31BCCD1	09-12-95	130	H	13	560	>7	7.4	265	320
225	43°38'08"	116°22'44"	04N 01E 31DCAD1	09-27-95	250	H	13.5	695	3.3	7.3	353	430
226	43°38'10"	116°22'57"	04N 01E 31DCBC1	10-17-95	56	H	12.5	546	2	7.2	270	330
227	43°38'03"	116°22'53"	04N 01E 31DCCD1	10-17-95	82	H	13	436	1.2	7.4	203	250
228	43°38'12"	116°22'26"	04N 01E 31DDAA1	09-21-95	86	H	12	546	2.5	7.1	249	300
229	43°38'31"	116°22'10"	04N 01E 32BCDD1	09-27-95	60	H	13	827	3.7	7.4	356	440
230	43°38'33"	116°21'58"	04N 01E 32BDCA2	10-17-95	50	H	13	308	3.2	7.3	141	170
231	43°38'24"	116°20'10"	04N 01E 33DABD1	09-26-95	97.3	H	14	417	4	7.3	196	240
232	43°38'08"	116°20'01"	04N 01E 33DDDA1	09-26-95	97	H	13.5	503	3.8	7.3	254	310
233	43°43'00"	116°23'35"	04N 01W 01ADAA1	07-26-95	127	H	14	425		7.5	213	260
234	43°42'44"	116°24'11"	04N 01W 01CAA1	07-20-95	260	H	13.5	604		7.5	287	350
235	43°42'24"	116°23'36"	04N 01W 01DDDD1	07-26-95	68	H	14.5	469		7.1	193	240
236	43°43'15"	116°25'02"	04N 01W 02AAB1	07-19-95	68	H	14	641	2.1	7.6	268	330
237	43°42'58"	116°25'54"	04N 01W 02BCBC1	07-27-95	92	H	14.5	499	1.9	7.1	210	260
238	43°42'25"	116°28'03"	04N 01W 04CCDD1	08-29-95	102	H	15.5	386	5.6	7	151	180
239	43°42'24"	116°28'27"	04N 01W 05DDDC1	07-27-95	140	H	15.5	269	1.3	7.3	109	130
240	43°42'57"	116°29'57"	04N 01W 06ACAC1	08-29-95	165	H	14.5	380	7	7.1	200	240
241	43°43'15"	116°30'15"	04N 01W 06BAAB1	07-27-95	177	H	14.5	474	6.9	7.1	224	270
242	43°42'44"	116°30'09"	04N 01W 06CAAD1	07-31-95	500	H	13.5	255	4.5	7.2	68	83
243	43°42'19"	116°29'34"	04N 01W 07AAAD1	07-31-95	172	H	13.5	254	5.4	7.1	96	120
244	43°42'04"	116°30'39"	04N 01W 07BCC1	07-31-95	115	H	14	247	3.5	6.9	82	100
245	43°41'45"	116°29'36"	04N 01W 07DADD1	08-09-95	182	H	14.5	126	4.8	7.2	76	92
246	43°41'43"	116°29'53"	04N 01W 07DCAA1	08-30-95	157	H	14	135	2.7	7.2	68	83
247	43°41'35"	116°29'50"	04N 01W 07DDCB2	09-06-95	30	I	13.5	203	3.6	6.7	88	110
248	43°41'35"	116°29'50"	04N 01W 07DDCB3	09-06-95	80	H	13.5	192	>7	7	90	110
249	43°41'35"	116°29'38"	04N 01W 07DDDB1	08-09-95	132	H	14.5	136	4.3	7	67	81
250	43°42'11"	116°28'26"	04N 01W 08AADC1	07-31-95	84	H	14.5	353		7.1	139	170
251	43°41'38"	116°29'16"	04N 01W 08CCAD1	08-01-95	154	H	14	133	2.2	7.1	69	85
252	43°41'37"	116°29'28"	04N 01W 08CCCA1	08-01-95	167	H	14	122	1.9	7.2	71	87
253	43°42'16"	116°27'25"	04N 01W 09AACB1	08-29-95	300	H	16.5	188	1.3	7.5	87	110
254	43°41'55"	116°28'18"	04N 01W 09CBBB1	08-01-95	72	H	13	232	1.1	6.8	110	130
255	43°41'47"	116°27'25"	04N 01W 09DACC1	08-01-95	185	H	14.5	156	7	7.5	51	62
256	43°41'46"	116°26'07"	04N 01W 10DACD2	08-02-95	71	H	14	212	2.8	7.4	95	120
257	43°41'44"	116°16'04"	04N 01W 10DADC1	08-02-95	95	H	14	151	4	7.3	68	83

Nutrients, bacteria and radon results

Table 8

	M	N	O	P	Q	R	S	T	U	V	W
1	NITROGEN	NITROGEN	NITROGEN	NITROGEN	NITROGEN	NITROGEN	PHOS	PHOS	TOTAL	FECAL	RADON
2	NH4, DISS	NO2, DISS	NO3, DISS	NO3	NO2+NO3	NO2+NO3	PHATE,	PHORUS,	COLI-	COLI-	222
3	(MG/L as N)	(MG/L as N)	(MG/L as N)	TOTAL	TOTAL	DISS	ORTHO	ORTHO	FORM	FORM	TOTAL
4				(MG/L as N)	(MG/L as N)	(MG/L as N)	DISS(MG/L	DISS	(COL/	(COL/	(PCI/L)
5							as PO4)	(MG/L as P)	100ML)	100ML)	
216	ND	ND		4.20	4.20	4.20	0.49	0.16	0	0	
217	ND	ND		4.80	4.80	4.80	0.52	0.17	0	0	
218	ND	ND		6.20	6.20	6.20	0.77	0.25	0	0	
219	ND	ND		3.80	3.80	3.80	0.31	0.1	0	0	
220	0.02	ND		5.80	5.80	5.80	0.8	0.26	80	<53	
221	ND	ND		6.50	6.50	6.50	0.71	0.23	0	0	660
222	ND	ND		7.10	7.10	7.10	0.71	0.23	3	0	
223	ND	ND			6.5		0.23		0	0	
224	ND	ND		2.80	2.80	2.80	0.06	0.02	0	0	420
225	ND	ND		4.90	4.90	4.90	0.25	0.08	0	0	
226	ND	ND		3.30	3.30	3.30	0.12	0.04	0	0	
227	ND	ND		1.80	1.80	1.80	1.1	0.37	0	0	
228	ND	ND		3.70	3.70	3.70	0.31	0.1	0	0	
229	ND	0.01	16	16.00	16.00	16.00	0.46	0.15	1	0	
230	ND	ND		2.20	2.20	2.20	0.86	0.28	0	0	920
231	ND	ND		3.40	3.40	3.40	0.67	0.22	0	0	
232	ND	ND		2.50	2.50	2.50	0.95	0.31	0	0	
233	0.04	ND		1.40	1.40	1.40	0.49	0.16	0	0	
234	0.02	ND		4.20	4.20	4.20	0.43	0.14	0	0	360
235	0.03	ND		2.60	2.60	2.60	0.37	0.12	0	0	
236	0.02	ND		9.10	9.10	9.10	0.64	0.21	0	0	540
237	0.03	ND				ND	0.03	0.01	0	0	
238	ND	ND		1.90	1.90	1.90	0.15	0.05	0	0	
239	ND	ND		0.06	0.06	0.06	0.12	0.04	0	0	630
240	ND	ND		1.70	1.70	1.70	0.43	0.14	0	0	
241	ND	ND		2.30	2.30	2.30	0.28	0.09	0	0	340
242	ND	ND		1.30	1.30	1.30	0.06	0.02	0	0	
243	ND	ND		1.50	1.50	1.50	0.03	0.01	0	0	
244	ND	ND		1.20	1.20	1.20	0.06	0.02	0	0	
245	ND	ND		0.07	0.07	0.07	0.09	0.03	0	0	
246	ND	ND		0.09	0.09	0.09		ND	0	0	
247	ND	ND		1.60	1.60	1.60	0.15	0.05	3	0	1800
248	ND	ND		0.70	0.70	0.70	0.06	0.02	0	0	
249	ND	ND		0.18	0.18	0.18	0.06	0.02	0	0	
250	ND	ND		5.50	5.50	5.50	0.31	0.1	0	0	270
251	ND	ND		0.16	0.16	0.16	0.09	0.03	0	0	
252	ND	ND		0.12	0.12	0.12	0.12	0.04	0	0	
253	ND	ND				ND	0.12	0.04	0	0	
254	ND	ND		0.62	0.62	0.62	0.09	0.03	0	0	410
255	ND	ND		0.13	0.13	0.13	0.09	0.03	0	0	
256	ND	ND		0.06	0.06	0.06	0.12	0.04	0	0	350
257	ND	ND		0.10	0.10	0.10	0.12	0.04	0	0	

Spreadsheet 6